

**PEPPERELL**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	4.24	8	189	Male	3.13	4	NC*
Female	1.61	4	NC*	Female	2.55	1	NC*
Total	5.85	12	205 #+	Total	5.68	5	88
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.88	3	NC*	Male	0.83	1	NC*
Female	1.52	2	NC*	Female	0.77	1	NC*
Total	3.40	5	147	Total	1.61	2	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	0.29	1	NC*	Male	4.11	1	NC*
Female	30.74	35	114	Female	3.25	4	NC*
Total	31.04	36	116	Total	7.35	5	68
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	2.26	7	309 #+	Male	3.47	3	NC*
				Female	1.52	2	NC*
				Total	4.99	5	100
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	10.85	11	101	Female	3.81	3	NC*
Female	10.29	5	49				
Total	21.15	16	76				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.73	1	NC*	Male	1.75	1	NC*
Female	0.52	1	NC*	Female	1.71	0	NC*
Total	2.25	2	NC*	Total	3.46	1	NC*
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	1.04	0	NC*	Male	26.79	25	93
Female	0.77	3	NC*				
Total	1.82	3	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.93	5	171	Male	1.92	1	NC*
Female	1.65	1	NC*	Female	1.12	0	NC*
Total	4.58	6	131	Total	3.04	1	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.78	2	NC*	Male	1.56	2	NC*

Female	0.49	1	NC*				
Total	2.27	3	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.25	1	NC*	Male	0.75	0	NC*
Female	1.69	2	NC*	Female	1.90	5	263
Total	3.94	3	NC*	Total	2.64	5	189
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.98	1	NC*				
Female	0.37	0	NC*	Female	5.78	2	NC*
Total	1.34	1	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	14.68	10	68	Male	93.81	90	96
Female	11.05	13	118	Female	91.87	96	104
Total	25.73	23	89	Total	185.68	186	100

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels